

## CLAIMS:

1. A bait station for distribution of a termiticide to foraging termites, said bait station comprising:-
  - 5 a hermetically sealed hollow body containing a cellulosic feedstuff and a termiticide, said hollow body having a plurality of closed apertures therein at least one of said apertures being exposable to provide, in use, an access port for termites to enter said hollow body, said hollow body being adapted for a hermetically sealed mounting on a structure
  - 10 containing termites with said access port forming a pathway between an interior cavity of said hollow body and termite pathways in said structure communicating with a termite colony, said bait station characterized in that barrier located between said access port and said termiticide prevents direct access to said termiticide when said at least one aperture is exposed.
- 15 2. A bait station as claimed in claim 1 wherein said barrier comprises a cellulosic liner.
3. A bait station as claimed in claim 1 wherein said barrier comprises a perforatable membrane.
4. A bait station as claimed in claim 1 wherein said cellulosic
- 20 feedstuff comprises a cellulosic matrix of particulate material having a termiticide dispersed therein.
5. A bait station as claimed in claim 4 wherein said cellulosic matrix is incorporated into said hollow body as a flowable particulate material.
- 25 6. A bait station as claimed in claim 4 wherein said cellulosic matrix comprises a compressed body of particulate material with or without a binder.
7. A bait station as claimed in claim 4 wherein said cellulosic matrix is present in said hollow body as a hydrated mass occupying
- 30 substantially the entire interior cavity of said hollow body.
8. A bait station as claimed in claim 1 wherein said termiticide is selected from any suitable termiticide including borate compounds, chitin

synthesis inhibitors, nicotinoids, phenol ureas, phenol pyrazoles.

9. A bait station as claimed in claim 4 wherein a termite attractant composition is incorporated in said cellulosic matrix.

10. A bait station as claimed in claim 4 wherein said attractant composition is incorporated in a barrier of corrugated cellulosic material disposed between said cellulosic matrix and an inner wall of said hollow body.

11. A bait station as claimed in claim 1 wherein said termite attractant composition is selected from any suitable attractant including allantoin, ellagic acid, hydroxycoumarin, urea.

12. A bait station as claimed in claim 1 wherein said hollow body comprises a viewing port.

13. A bait station as claimed in claim 12 wherein said viewing port includes an indicator which, in use, indicates the presence of termites adjacent thereto in said hollow body.

14. A bait station as claimed in claim 1 wherein said bait station is adapted for coupling to an adjacent bait station via alignable exposable apertures in respective hollow bodies.

15. A bait station as claimed in claim 14 wherein said bait station is adapted for coupling to an adjacent bait station via a hollow conduit communicating between respective interior cavities of said bait stations.

16. A bait station as claimed in claim 1 wherein said hollow body is adapted for mounting on a structure by one or more fasteners.

17. A bait station as claimed in claim 1 wherein said bait station is adapted for mounting on a structure containing termites by a hollow conduit extending via said access port between an interior region of said structure and said interior cavity of said bait station.

18. A bait station as claimed in claim 17 wherein said structure is a detector station.

19. A system for the detection and elimination of termites in a medium, said system comprising:-

a detector station having an apertured insertable portion for

insertion into said medium and a normally exposed viewing port adjacent one end of said detector station, said viewing port, in use, permitting an indication of the presence of termites feeding on a cellulosic feedstuff in said detector station; and,

5                   a bait station according to claim 1, said detector station being adapted for hermetic coupling to said bait station to provide a pathway from a termite colony via said detector station to said bait station.

20.               A system as claimed in claim 19 wherein said detector station comprises a hollow body having a plurality of apertures therein, said hollow  
10               body of said detector station being insertable into a soil medium to permit access to said feedstuff by subterranean termites.

21.               A system as claimed in claim 19 wherein said cellulosic feedstuff in said detector station comprises a cellulosic matrix of particulate material.

15               22.               A system as claimed in claim 21 wherein said cellulosic matrix in said detector station has a termite attractant composition incorporated therein.

23.               A system as claimed in claim 22 wherein said attractant composition is incorporated into a barrier layer of cellulosic material disposed  
20               between said cellulosic matrix and an inner wall of said hollow body of said detector station.

24.               A system as claimed in claim 19 wherein said detector station is adapted to be coupled to an adjacent detector station in said soil medium, said detector station and said adjacent detector station being coupled by a  
25               hollow plastics conduit having a corrugated cellulosic liner therein.

25.               A system as claimed in claim 19 wherein said viewing port is removable to permit coupling of said bait station to form a pathway between an interior cavity of said detector and an interior cavity of said bait station.

26.               A system as claimed in claim 25 wherein a hollow conduit  
30               extends between respective interior cavities of said detector station and said bait station.

27.               A system as claimed in claim 19 wherein said detector is

adapted for insertion into a timber medium by a hollow conduit insertable in an aperture formed in said timber medium.

28. A system as claimed in claim 27 wherein said hollow conduit comprises a plastics tube having a liner of corrugated cellulosic medium therein.

29. A system as claimed in claim 27 wherein said hollow conduit comprises a timber dowel having at least one aperture extending between an interior region of said timber medium and an interior cavity of said detector station.

30. A system as claimed in claim 29 wherein said timber dowel has said at least one aperture preformed therein or subsequently formed by a termite.

31. A method for the detection and elimination of termites in a medium, said method comprising the steps of:-

inserting into said medium an insertable portion of a detector station, said detector station including an exposed viewing port to detect the presence of termites feeding on a feedstuff adjacent an inner surface of said viewing port; and,

upon detection of the presence of termites via said viewing port, coupling to said detector station a bait station as claimed in claim 1, said bait station including a cellulosic termite feedstuff with a termiticide dispersed therein, said detector station and said bait station, when coupled, providing a pathway from a termite colony to said bait station via said detector station.

32. A method as claimed in claim 31 wherein said detector station comprises a device according to claim 19.

33. A method as claimed in claim 31 wherein said bait station comprises a device according to claim 14.